

20031127.qrp v03_n117.qrl.20031127

Date: Thu, 27 Nov 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3117

QRP-L Digest 3117

Topics covered in this issue include:

- 1) [161928] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment
by dave <hottell@gulftel.com>
- 2) [161929] QRPTTF 2003 results?
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 3) [161930] FYBO '04?
by William McFadden <wmcfadde@cs.ohiou.edu>
- 4) [161931] New Kit Announcement - Brass Paddle Kit
by "Ronald W. Evans" <cosmos41@ix.netcom.com>
- 5) [161932] FS: WM-2 QRP wattmeter
by "David LeDuc" <dleduc@adelphia.net>
- 6) [161933] Re: MAX 232 or other TTL-RS232 Interface
by Barry N1EU <n1eu@yahoo.com>
- 7) [161934] Re: MFJ 259B
by "George, W5YR" <w5yr@att.net>
- 8) [161935] All 2004 QRP Contest Calendar Shipped
by "Ron Polityka" <wb3aal@verizon.net>
- 9) [161936] Fw: GB> anyone in contact w/family of Rodger (KD6CC)?
by w5xe@juno.com
- 10) [161937] Holiday Greetings
by Rick McKee <kc8aon@juno.com>
- 11) [161938] No NEQRP CW Net this week
by Chuck Ludinsky <cludinsky@comcast.net>
- 12) [161939] RE: New TS-480
by "Marty Hartwell" <chartwell@worldnet.att.net>
- 13) [161940] For Sale: Yaesu FT-50R 2m/440 handheld with extras
by "Paul Womble" <pwomble@earthlink.net>
- 14) [161941] NorCal 40A Questions
by "Richard Slone" <sloner@earthlink.net>
- 15) [161942] FS
by Wayne Rogers <w5kdj@juno.com>
- 16) [161943] Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>
- 17) [161944] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment
by Jimmy Lee <jrlaudio@bellsouth.net>
- 18) [161945] FS COLLINS MECHANICAL FILTERS

- by "Donald Dorn" <DDORN@CWIS.NET>
- 19) [161946] Re: New Kit Announcement - Brass Paddle Kit
by "Tim Kass" <timkass@hotmail.com>
 - 20) [161947] Re: New Kit Announcement - Brass Paddle Kit
by "Lawrence Makoski" <Makos327@worldnet.att.net>
 - 21) [161948] [CONTEST] N2CQ QRP Contest Calendar, Nov 29 - Dec 2, 2003
by "Ken Newman" <n2cq@dandy.net>
 - 22) [161949] toroids
by "carl seyersdahl" <carlseye@tampabay.rr.com>
 - 23) [161950] Thanksgiving
by "Armin Hachmer" <armin@muskoka.com>
 - 24) [161951] Update: SWL Freq-Mite in an MFJ 9420 SSB Travel Radio (long)
by Michael Babineau <michael.babineau@sympatico.ca>
 - 25) [161952] Re: New Kit Announcement - Brass Paddle Kit
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
 - 26) [161953] FS: Coax with BNC Connectors
by "Ronald W. Evans" <cosmos41@ix.netcom.com>
 - 27) [161954] PJ2/K4BAI
by Wayne Rogers <w5kdj@juno.com>
 - 28) [161955] WTB: SWL PSK-20
by "Dave Redfearn" <n4elm@comcast.net>
 - 29) [161956] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF
environment
by Bruce Muscolino <w6toy@erols.com>
 - 30) [161957] Several Items For Sale
by "Dick Housden, W0NTA" <housden@comcast.net>
 - 31) [161958] Help me with HW-8 TR Switch.
by "Michael Pupeza" <mpupeza@sympatico.ca>
 - 32) [161959] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF
environment
by Howard Oakley <hoakley@btconnect.com>
 - 33) [161960] Coax with male BNC connectors
by cosmos41@ix.netcom.com

Date: Wed, 26 Nov 2003 09:19:35 -0600
From: dave <hottell@gulftel.com>
To: ae5x@netscape.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161928] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF
environment
Message-ID: <3FC4C487.8080908@gulftel.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

John,

Yea, I am wondering if the test was done with the rigs arranged as they are in the photo in that .pdf. Given the propensity of the K2 to pick up 60 Hz hum from a too-close power supply, would the proximity of the Orion induce noise into the K2? If so, that would definitely skew the results
. . .

73 de dave
ab9ca

John Harper AE5X wrote:

> Stuart Rohre (rohrer@arlut.utexas.edu) wrote:
> Folks, this is one of the best reviews and head to head tests I have seen.
>
> The K2 comes off a lot better than another import ; although the far more
> expensive Orion shines best of all. But, what a tribute to the designers of
> the K2 that they can go head to head to a much more complicated/ expensive
> radio!
> http://www.bavarian-contest-club.de/reviews/orion_on_the_air_test_v2.pdf
> *****
>
> Stuart, I get a totally different interpretation of how the K2 compares to the
Orion. I know they are not in the same league, but to say they
> go head-to-head is just not indicated anywhere in the write-up!
>
> "Though both receivers are indeed excellent, on 40m at night, we had several
occasions that it was possible to read a very weak CW signal
> "Q5" on the Orion whereas it was barely decipherable on the K2."
>

Date: Wed, 26 Nov 2003 08:17:22 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161929] QRPTTF 2003 results?
Message-ID: <004f01c3b438\$c9a1fab0\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Just wondering if the QRPTTF 2003 results have been published, and if so,

can someone send me a link to look at them. Thanks

73's Trev - KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Wed, 26 Nov 2003 11:26:39 -0500 (EST)
From: William McFadden <wmcfadde@cs.ohiou.edu>
To: qrp-1@Lehigh.EDU (qrp-1)
Subject: [161930] FYBO '04?
Message-ID: <200311261626.hAQGQeIZ004533@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I tried posting this question yesterday, but it didn't show up...

Has the date for the 2004 Freeze Your B___ Off event been announced yet?

Eric

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Wed, 26 Nov 2003 10:53:01 -0600
From: "Ronald W. Evans" <cosmos41@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161931] New Kit Announcement - Brass Paddle Kit
Message-ID: <3FC4DA6D.1010906@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Wow! What a great little Christmas gift to give oneself! I did just that by placing my order just as soon as I saw the announcement

!

The AZ ScQRPions are to be commended for this lovely brass paddle kit and for keeping the price affordable. Well done, guys/gals! May this endeavor be a huge success for you!

All the usual disclaimers - no affiliation with the AZ ScQRPions...blah,

blah, blah...

72, 73, 3.14159 etc.

Ron - KD5S

***** Ron Evans *****
KD5S (ex K5MVR) - Loving the "glow" since 1957
Fort Worth, TX "Where the West Begins"
mailto:cosmos41@ix.netcom.com
<http://www.geocities.com/sweetvengeance>
ARRL, 4SQRP, ARS #1595, FP #694
<http://www.arsqrp.com>

Date: Wed, 26 Nov 2003 12:02:58 -0500
From: "David LeDuc" <dleduc@adelphia.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [161932] FS: WM-2 QRP wattmeter
Message-ID: <MPEBLEI0LEPIGHEMLNNOCELCCDAA.dleduc@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a WM-2 wattmeter in excellent condition. Includes manual and other documentation.
\$60 plus shipping.

Dave N1IX

Date: Wed, 26 Nov 2003 09:19:17 -0800 (PST)
From: Barry N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [161933] Re: MAX 232 or other TTL-RS232 Interface
Message-ID: <20031126171917.11275.qmail@web13202.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks very much for all the replies, some of which were off the reflector. I've got some great info to digest and come up with an implementation.

Happy Turkey Day & 72/73,
Barry N1EU

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Wed, 26 Nov 2003 15:12:06 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161934] Re: MFJ 259B
Message-ID: <015301c3b461\$f32b8990\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Karl Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 26, 2003 6:51 AM
Subject: Re: MFJ 259B

<snip>

> So I wonder how he did the measurement.

The procedure is to put a 50 ohm resistive load on the tuner output and with the 259B or similar instrument, adjust the tuner for 50+j0 input impedance. Then the load is changed to 25 ohms and the rho or RL or SWR or all of them are recorded. Then the load goes to 100 ohms and the parameters for that load are recorded.

Frank then uses any or all of three formulas, using rho, RL or SWR, to calculate the tuner loss in dB. He also has formulas for calculating, from the measured values, the per cent of input power that is lost in the tuner.

I won't even try to reproduce the formulas in ASCII, but the method works very well. We have tested probably a dozen or more tuners and most of them average about 0.5 dB loss on 20 meters. Some as high as about 0.8 dB and others as low as 0.2 dB.

Tuner loss has been greatly exaggerated for most applications. Tuners can become a problem when trying to load short antennas where the resistive component is only a few ohms and the reactance is large and capacitive. There the voltages and currents within the tuner can become very large and arcs and melted wires can result from attempted high-power operation.

Glad you finally got the Foxii to listen to you! <:} The band was great here all evening - unbelievable after the last few Hunts.

73, George W5YR

Date: Wed, 26 Nov 2003 16:51:47 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161935] All 2004 QRP Contest Calendar Shipped
Message-ID: <003201c3b467\$7f6baca0\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Just wanted to let everyone know that all calendars that were purchased are in the mail.

We have plenty of calendar to sell, so visit www.n3epa.org .

All calendar are shipped in a Tyvex envelope so no moisture will spoil your enjoyment.

Happy Thanksgiving Day to All.

72

Ron de N3EPA
EPA QRP Club El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Wed, 26 Nov 2003 14:58:34 -0700
From: w5xe@juno.com
To: qrp-l@lehigh.edu
Subject: [161936] Fw: GB> anyone in contact w/family of Rodger (KD6CC)?
Message-ID: <20031126.145835.-718905.7.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

forwarded for info of this list.

----- Forwarded message -----
From: john <johnmb@nc.rr.com>
To: glowbugs@piobaire.mines.uidaho.edu, boatanchors@theporch.net
Date: Wed, 26 Nov 2003 16:55:30 -0500
Subject: GB> anyone in contact w/family of Rodger (KD6CC)?
Message-ID: <3.0.3.32.20031126165530.026cbba0@pop-server.nc.rr.com>

Anyone know the email address of the late KD6CC's son, Sean? If so, kindly pass it on, or forward this note to him, as I'd like to get in touch.

Thanks
John K5MO

Date: Wed, 26 Nov 2003 20:13:16 -0500
From: Rick McKee <kc8aon@juno.com>
To: mqfd@smartgroups.com, fpqrp-l@fpqrp.com, qrp-l@Lehigh.EDU
Subject: [161937] Holiday Greetings
Message-ID: <20031126.201321.10110.2.kc8aon@juno.com>

Here's hoping all have a wonderful Thanksgiving day !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7,
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718
For info on MQFD, go to: <http://www.smartgroups.com/groups/mqfd>
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 26 Nov 2003 21:35:01 -0500
From: Chuck Ludinsky <cludinsky@comcast.net>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [161938] No NEQRP CW Net this week
Message-ID: <3FC562D5.1010604@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Because of the holiday, there will be no NEQRP CW net this week. Hope everyone has a really great Thanksgiving.

We had a good net last week (20 Nov 03), with the following check-ins:

W2SH	Charles	Millington, CT	599
AJ1J	Joe	Newton, MA	599/QSB
WA8BXN	Mike	nr Cleveland, OH	599/QSB
AB8DF	Ed	Waterford, MI	579/QSB
W1KRT	Ken	Springfield, NH	599/QSB
W1PID	Jim	Sanbornton, NH	599
WB1HBE	John	Chelmsford, MA	599
K18DU	Roger	Huntington, WV	559/QSB
WB8YYY	Curt	MD	599
K1CL	Chuck	Chelmsford, MA	net op

Also thought I heard Vince, N1VS, during the initial QNIs; however, there was no response on the callback. Most of the QSB was very rapid, sounding like flutter on several signals. For whatever reason, Mike had a bit of drift on his signal -- we started at 3566 and ended up at 3562. Hope to hear what Mike found as the cause of that one.

Thanks to everyone for a great net, and hope to hear you all next week.

72 DE K1CL,
Chuck

Date: Wed, 26 Nov 2003 21:56:43 -0500
From: "Marty Hartwell" <chartwell@worldnet.att.net>
To: <qrp-1@lehigh.edu>

Subject: [161939] RE: New TS-480

Message-ID: <LCEBJOKPGPNGOAKECJNGAEFLCNAA.chartwell@worldnet.att.net>

Hi all

Someone did, Ten Tec, the new Argo V is plug in a rs232 cable and control the rig.

Marty kd8bj

-----Henry said:

Date: Mon, 24 Nov 2003 19:27:13 -0500

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com

Subject: [161809] Kenwood TS-480

Message-ID: <3FC25B91.14057.33BDBF@localhost>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-description: Mail message body

Well I guess by now everyone has seen the new Kenwood 480.

Anyone know what the street price will be? Is this supposed to compete with the

718?, 706? 746? ft-100? Is this a TS-50 replacement? When will it be available? I

really like the box having a built in 232 port so you will not need external level

conversion. Someone should have done it sooner.

Henry

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.542 / Virus Database: 336 - Release Date: 11/18/03

Date: Thu, 27 Nov 2003 00:37:58 -0500

From: "Paul Womble" <pwomble@earthlink.net>

To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>, <cars@k4ksa.org>

Subject: [161940] For Sale: Yaesu FT-50R 2m/440 handheld with extras

Message-ID: <007e01c3b4a8\$9dd08620\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yaesu FT-50R handheld 2m/440 with Digital Voice Recorder. In great condition. Includes original box, manual, antenna, battery charger, AAA Battery pack, cigarette lighter power cord, stubby antenna, and SMA to SO-239 antenna adaptor. \$109 shipped in the US.

Please email with any questions.

Paul K4FB

Date: Thu, 27 Nov 2003 04:35:50 -0500
From: "Richard Slone" <sloner@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [161941] NorCal 40A Questions
Message-ID: <005f01c3b4c9\$d95f6640\$c621b341@SloneRanger>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

I am about to buy a NorCal 40A kit and the book "The Electronics of Radio" by David Rutledge to learn the theory of the radio as I build it. I have a couple of questions about the 40A:

1. Can I set the sidetone pitch to 700 Hz?
2. Can I also adjust the transmit offset to 700 Hz?
3. Are there any performance drawbacks to implementing the mod that allows 150 kHz coverage of the band? (other than needing to spin a 10 turn pot)

I would also appreciate any links to web pages with 40A modifications.

Thanks es 73,

Richard, KG4VOX

Date: Thu, 27 Nov 2003 07:10:22 -0600
From: Wayne Rogers <w5kdj@juno.com>
To: qrp-l@lehigh.EDU
Subject: [161942] FS
Message-ID: <20031127.071023.-1725793.0.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Telex/Hygain DX-88 - 8 band trapped vertical. Total length 22'.
\$225.00.

Small Wonder Labs SW-20+ & Chassis. Unbuilt in packages as received.
\$90.00.

2 - HF Palomar Transceiver Preamps 1.8 to 54mhz. \$25.00 each.

Shipping included on all items.

Wayne_W5KDJ
ex: SV0WWW_TF2WJN 100% A1
ARS_1392 ARCI_11325 FP-626 e-QSL
FISTS_10060 SOC_538 HQRP ARRL

Date: Thu, 27 Nov 2003 07:57:05 -0600
From: Mark Milburn <mark.milburn@ispwest.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [161943] Iowa QRP Club CW Net
Message-ID: <3FC602B1.F3B89F9E@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to everyone who used part of their evening to
spend with the net. Joining the group were:

KQ0I Mark Iowa
WA0ITP Terry Iowa
WA8BXN Mike Ohio
AA0XJ Jim Iowa

KB0JUL Dan Iowa
NI0I Tom S.D.

Happy Thanksgiving to all. As you sit down to the feast this year, remember our men and women in the armed forces. It's tough to be away from home during this time of year, and it's tough on the families to have them gone. Keep them in your prayers.

72 Mark KQ0I
Des Moines, Iowa

Date: Thu, 27 Nov 2003 09:11:29 -0500
From: Jimmy Lee <jrllaudio@bellsouth.net>
To: hottell@gulftel.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161944] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment
Message-ID: <3FC60611.B700556D@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This test was conducted under conditions not allowed in a middle school science lab. All subjective observations and no scientific method involved.

Jimmy, AE4DT

dave wrote:

> John,
>
> Yea, I am wondering if the test was done with the rigs
> arranged as they are in the photo in that .pdf. Given the
> propensity of the K2 to pick up 60 Hz hum from a too-close
> power supply, would the proximity of the Orion induce noise
> into the K2? If so, that would definitely skew the results
> . . .
>
> 73 de dave
> ab9ca
>
> John Harper AE5X wrote:
> > Stuart Rohre (rohre@arlut.utexas.edu) wrote:
> > Folks, this is one of the best reviews and head to head tests I have seen.
> >

> > The K2 comes off a lot better than another import ; although the far more
> > expensive Orion shines best of all. But, what a tribute to the designers of
> > the K2 that they can go head to head to a much more complicated/ expensive
> > radio!
> > http://www.bavarian-contest-club.de/reviews/orion_on_the_air_test_v2.pdf
> > *****
> >
> > Stuart, I get a totally different interpretation of how the K2 compares to the
Orion. I know they are not in the same league, but to say they
> > go head-to-head is just not indicated anywhere in the write-up!
> >
> > "Though both receivers are indeed excellent, on 40m at night, we had several
occassions that it was possible to read a very weak CW signal
> > "Q5" on the Orion whereas it was barely decipherable on the K2."
> >

Date: Thu, 27 Nov 2003 09:08:54 -0600
From: "Donald Dorn" <DDORN@CWIS.NET>
To: "Low Power Amateur Radio" <QRP-L@LEHIGH.EDU>
Subject: [161945] FS COLLINS MECHANICAL FILTERS
Message-ID: <000501c3b4f8\$612c7b20\$2d182641@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Model 526-9689-010 375 Hz CW filter, 455 KHz
Model F526-9691-010 1900 Hz SSB filter, 455 KHz

I bought these filters directly from Rockwell-Collins and used them in a
couple of home brew xcvrs for a few years. I had them mounted upside down in
the circuit and held in place with RTV. When I removed them the RTV took the
label off the SSB filter but I have the model number and the specs so no
harm was done.

\$40.00 each, postpaid US and I will throw in a 455 KHz BFO xtal with each
one.(You would not believe what I paid for those xtals)

73,
Don K5AAR
Lake Eufaula, Ok

Date: Thu, 27 Nov 2003 10:15:41 -0500
From: "Tim Kass" <timkass@hotmail.com>
To: cosmos41@ix.netcom.com, qrp-1@Lehigh.EDU
Subject: [161946] Re: New Kit Announcement - Brass Paddle Kit
Message-ID: <BAY2-F13WR4wn4irtiA000151d8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I did the same thing! And want add that I love these little group/club projects, I really missed the old Heathkit and Knight kits, but now we have something to replace them....Im introducing my daughter to Ham Radio via kits as well....she's loves to solder....72/73 Tim K8WBL

>From: "Ronald W. Evans" <cosmos41@ix.netcom.com>
>Reply-To: cosmos41@ix.netcom.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: New Kit Announcement - Brass Paddle Kit
>Date: Wed, 26 Nov 2003 10:53:01 -0600
>
>Wow! What a great little Christmas gift to give oneself! I did just that
>by placing my order just as soon as I saw the announcement
>!
>The AZ ScQRPions are to be commended for this lovely brass paddle kit and
>for keeping the price affordable. Well done, guys/gals! May this endeavor
>be a huge success for you!
>
>All the usual disclaimers - no affiliation with the AZ ScQRPions...blah,
>blah, blah...
>
>72, 73, 3.14159 etc.
>
>Ron - KD5S
>
>
>
>***** Ron Evans *****
> KD5S (ex K5MVR) - Loving the "glow" since 1957
> Fort Worth, TX "Where the West Begins"
> mailto: cosmos41@ix.netcom.com
> http://www.geocities.com/sweetvengeance
> ARRL, 4SQRP, ARS #1595, FP #694
> http://www.arsqrp.com
>*****
>
>
>

Gift-shop online from the comfort of home at MSN Shopping! No crowds, free parking. <http://shopping.msn.com>

Date: Thu, 27 Nov 2003 10:24:23 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161947] Re: New Kit Announcement - Brass Paddle Kit
Message-ID: <003a01c3b4fa\$89db4c20\$82d14b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree with Ron! What a nice looking paddle at such a reasonable price! I place my order via PayPal yesterday and already got confirmation! Kudos to the AzScQRPions!

And to all of you folk on QRP-L, a very Happy Thanksgiving!

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Ronald W. Evans wrote:

> Wow! What a great little Christmas gift to give oneself! I did just
> that by placing my order just as soon as I saw the announcement
> !
> The AZ ScQRPions are to be commended for this lovely brass paddle kit
> and for keeping the price affordable. Well done, guys/gals! May this
> endeavor be a huge success for you!
>
> Ron - KD5S

Date: Thu, 27 Nov 2003 10:24:45 -0500
From: "Ken Newman" <n2cq@dandy.net>
To: "List QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [161948] [CONTEST] N2CQ QRP Contest Calendar, Nov 29 - Dec 2, 2003
Message-ID: <064e01c3b4fa\$9a95fb50\$59ea80d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
Nov 29-Dec 2, 2003  
~~~~~

40 METER FOXHUNT - Wednesday 0200z to 0400z (Tue eve USA)
Info: <http://www.cqc.org>

Truffle Hunt - 30 min before Fox Hunt
Info: http://fpqrp.com/pig_hunt.html
~~~~~

CQ World Wide DX Contest (CW) ... QRP Category!  
Nov 29, 0000z to Nov 30, 2400z  
Rules: <http://www.cq-amateur-radio.com/>  
~~~~~

Adventure Radio Society - Spartan Sprint (CW) *** QRP Contest ***
Dec 2, 0200z to 0400z (Monday Evening US/Canada)
Rules: <http://www.arsqrp.com/>
~~~~~

Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "N2CQ QRP Contest Calendar" for your website,  
newsletter, e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de  
Ken Newman - N2CQ  
N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>

-----

Date: Thu, 27 Nov 2003 10:42:15 -0500  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [161949] toroids  
Message-ID: <003501c3b4fd\$090edb40\$c239ca44@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi, gang:

I need three (3) each FT-37-72 ferrite cores, and of course shipping from the usual sources would likely be more than the mdse. SO, I will trade some powdered iron cores for the ferrites!!!! I have t-37's 50's and maybe some 68's. all either -2 or -6.

any help out there?? thanks to all

carl / kz5ca

-----  
Date: Thu, 27 Nov 2003 11:06:57 -0500  
From: "Armin Hachmer" <armin@muskoka.com>  
To: <wb3aal@verizon.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [161950] Thanksgiving  
Message-ID: <004501c3b500\$7c0a8ec0\$336c7bd8@muskoka.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A very happy Thanksgiving to all AMERICANS  
and those who are their friends.

Armin

-----  
Date: Thu, 27 Nov 2003 11:07:11 -0500  
From: Michael Babineau <michael.babineau@sympatico.ca>  
To: qrp-1@Lehigh.EDU  
Subject: [161951] Update: SWL Freq-Mite in an MFJ 9420 SSB Travel Radio (long)  
Message-ID: <C23A5AB8-20F3-11D8-8034-00039309268A@sympatico.ca>  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Folks :

I posted the following on installing a SWL Freq-Mite into the MFJ SSB Travel Radio some time ago and just wanted to provide an update with some corrections.

Since the original posting I realized that there is actually a +5kHz between the VFO frequency and the MFJ 9420 Dial readout ... thus with my setup the Freq-Mite was reading 5KHZ higher than the actual frequency. I suspect that the IF Frequency of the 9420 is actually 9.995MHZ not 10MHZ as the manual states, this would explain why the VFO frequency reads +5KHZ higher than expected.

The solution is simply to program an offset into the Freq-Mite as follows:

Adding 995 KHZ makes things right. That happens to correspond to the following jumper pattern

1111100011 J1

the 1 corresponds to a jumper in place, J1 corresponds to the J1 marking on the board.

As far as connections from the Freq-Mite here is what I have done :

All location references assume that you have the 9420 with the lid off and the front panel facing you.

AF - I have two 100K resistors in parallel (ie 50K ohms) mounted on the Freq-mite board at the AF point and a wire coming off of this and going to the right hand side of R23 (ie junction of R23 and C40). This injects the audio just before the point where the audio is muted on TX.

GND goes to one side of the SPST (normally open) mini-switch

S1 goes to the other side of the switch.

V+ goes to the back right hand pin on the front panel power switch

RF IN goes to pin 6 on U7 (make sure that you understand the PINOUTS for the NE602 before doing this)

The board itself is grounded via the screws and L bracket holding the board onto the right front metal standoff intended for mounting the add-on CW adaptor.

This has now been verified on two rigs, mine and the one belonging to Ray, KA8SYX and is working very well.

If anyone else is attempting this please drop me a note if you have any questions.

Cheers,

Michael VE3WMB

Begin forwarded message:

> From: Michael Babineau <michael.babineau@sympatico.ca>  
> Date: Tue May 20, 2003 12:13:01 PM America/Montreal  
> To: qrp-l@Lehigh.EDU  
> Subject: SWL Freq-Mite in an MFJ 9420 SSB Travel Radio  
>  
> Folks :  
>  
> For anyone else with an MFJ9420 20M SSB Travel Radio that might be  
> interested ...  
>  
> I successfully installed a Small WonderLabs Freq-Mite into my rig  
> yesterday.  
> This is a great addition to this radio as poor resolution on the  
> analog tuning of  
> this rig somewhat detracted from what is otherwise an exception little  
> SSB rig.  
>  
> The gory details :  
>  
> Power was tapped off of the rig on/off switch. You will notice a wire  
> (yellow on my rig)  
> that comes of the switch to the light for the S meter. I used the lug  
> on the switch  
> just across from it.  
>  
> Audio out from Freq-Mite goes to the Receiver Audio chain at the  
> junction of C40 and R23  
> (convenient point just before the audio amp section).

>  
> RF in comes off of pin 6 on U7 (this point was highlighted as a VFO  
> calibration test  
> point in the manual). No offset jumpers needed as the IF in this rig  
> is 10.000 MHZ.  
>  
> I mounted a R/S Sub-mini momentary push button switch (R/S 275-1571B)  
> in the  
> upper right hand corner of the front panel.  
>  
> Since I do not have the CW option installed in this rig, I mounted the  
> Freq-Mite board  
> parallel to the main board on the metal standoff in the front right of  
> the rig  
> (more or less behind the volume control) by straightening out the  
> little metal  
> L-bracket that comes with the Freq-Mite.  
>  
> Michael VE3WMB  
>

-----  
Date: Thu, 27 Nov 2003 09:52:00 -0700  
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [161952] Re: New Kit Announcement - Brass Paddle Kit  
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734DD7@az33exm05.corp.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I saw these paddles at the last meeting and placed my order in right then. The pictures

I have seen on the web do not do justice to the ones that I have seen.

The paddles have a very good feel. Some paddles I have used in the past are sloppy and have a lot of play in them, which makes it difficult to get a close contact spacing without the keyer getting stuck closed once in a while. I really hate that! These paddles seem very mechanically tight. At the meeting, Jerry had three different spring sets: soft, medium and hard. Different folks seemed to prefer different springs. I really like the hard spring as it allowed me to set the key spacing very, very close, so only a light

touch was  
needed to key it. I don't know what the paddles are being shipped with, but there  
was a  
talk of selling a spring set for a minimal cost (springs are expensive!).

Being a Az ScQRPion member, I am somewhat biased, but never-the-less, I was very  
impressed.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

-----  
Date: Thu, 27 Nov 2003 11:12:41 -0600  
From: "Ronald W. Evans" <cosmos41@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [161953] FS: Coax with BNC Connectors  
Message-ID: <3FC63089.9070504@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

50' length RG-58A/U with male BNC's on each end. Brand new in sealed  
plastic bags. Great for those QRP rigs with BNC outputs. Six (6)  
available. \$7.00 each, shipping included, to CONUS only.. Cashier's  
check or money order.

Reply offline. cosmos41@ix.netcom.com

Thanks and Happy Thanksgiving!

Ron - KD5S

\*\*\*\*\* Ron Evans \*\*\*\*\*  
KD5S (ex K5MVR) - Loving the "glow" since 1957  
Fort Worth, TX "Where the West Begins"  
mailto: cosmos41@ix.netcom.com  
http://www.geocities.com/sweetvengeance  
ARRL, 4SQRP, ARS #1595, FP #694  
http://www.arsqrp.com  
\*\*\*\*\*

-----  
Date: Thu, 27 Nov 2003 11:50:52 -0600

From: Wayne Rogers <w5kdj@juno.com>  
To: soc@mailman.qth.net, qrp-1@lehigh.EDU  
Subject: [161954] PJ2/K4BAI  
Message-ID: <20031127.115052.-2086603.0.w5kdj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

HE IS ON 28.029. I WORKED HIM WITH 100MW NO PROBLEM.

-----  
Date: Thu, 27 Nov 2003 12:07:32 -0600  
From: "Dave Redfearn" <n4elm@comcast.net>  
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>  
Subject: [161955] WTB: SWL PSK-20  
Message-ID: <000501c3b511\$551dbe70\$016fa8c0@Pavillion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looking for a Small Wonder Labs PSK-20 transceiver.  
built or un-built OK, reasonable price preferred.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKcomcast.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Thu, 27 Nov 2003 13:20:42 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: jr1audio@bellsouth.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [161956] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment  
Message-ID: <3FC6407A.42872045@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jimmy,

>

> All subjective observations and no scientific method

> involved.

>

What an observation! In the end ham radio IS subjective. Anybody can do performance tests and end up with numbers. The operational qualities of a new radio are perhaps of the most interest to a prospective buyer. How else can he decide if he wants to own the radio without spending himself silly?

73

-----  
Date: Thu, 27 Nov 2003 12:00:42 -0700  
From: "Dick Housden, W0NTA" <housden@comcast.net>  
To: <qrp-1@lehigh.edu>  
Subject: [161957] Several Items For Sale  
Message-ID: <000f01c3b518\$c1e886f0\$0bc40918@yourtarbvp550m>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 8bit

I have several very nice items for sale.

Small Wonder Labs PSK-20 transceiver. Actually, I have two of these. I have used these little transceivers with an indoor antenna to make many great contacts on 20 meters. I can provide images by email if you desire. Price \$115.00 each shipped.

Small Wonder Labs DSW-II for 20 meters. Assembled very recently and in perfect condition. I have made several contacts with this little radio. Images available. Price 150.00 shipped.

NorCal 20 transceiver. This is the original NorCal 20 and not the Redhot 20. It has the bare aluminum case and has a scratch on the underneath side but would easily cover if painted. Has the ten turn pot installed for tuning. Original TICK1 keyer chip. No modifications made to this radio. Works great. Images available. Price \$70.00 shipped.

NorCal 40A transceiver. This 40A is like new. I built it from the kit and added the KC-1 keyer/frequency counter. Also added a ten-turn pot for tuning. Works great. Images available. Price \$150.00 shipped.

AlphaDelta Antenna Switch. It is the Delta-4 4-position switch with



grounding. It is in like new condition and works just fine. I can provide images by email if you desire. Price \$50.00 shipped.

The Ventenna Company's HFp 7 30 MHz, 2.2 lbs. antenna. I have used this antenna on 20 meters and works very nicely. It is in excellent condition and complete in every way including all antenna pieces, radials, carrying case, manual, and small reference card for use in the field. I can provide images by email if you desire. Price \$80.00 shipped.

Idiom Press Logikit CMOS-4 keyer. This is a great keyer with many features. Like new. I can provide images by email if you desire. Price \$95.00 shipped.

Idiom Press SCAF-1 audio filter. This is a great filter for reducing background noise. Like new. I can provide images by email if you desire. Price \$95.00 shipped.

Oak Hills Research WM-2 wattmeter. Like new condition and includes the CQC dummy load attached to the output port. I can provide images by email if you desire. Price \$85.00 shipped.

Most items include manuals. I will pay shipping within the lower 48. Other places please email for additional charges. Please email questions to me directly at no\_spam\_w0nta@arrl.net. Remove the no\_spam\_.

72, Dick, W0NTA

-----  
Date: Thu, 27 Nov 2003 14:59:16 -0500  
From: "Michael Pupeza" <mpupeza@sympatico.ca>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [161958] Help me with HW-8 TR Switch.  
Message-ID: <000701c3b521\$0e366560\$22abacce@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've got Mike Bryce's newest HW-8 Handbook and am interested in putting in the TR switch from pages 70-71 into my HW-8.  
However, I can't quite understand how it fits in.  
Where does the original wire from the centre pin of the antenna connector (J302 in the book J303 on the schematic), attach to the new circuitry?  
There is some cryptic info - 'Take the antenna wire from J302 and twist another wire around it - etc. etc.'.

I, sort of, believe that he's saying that the receiver input at C114 gets a 'gimmick' capacitor (using twisted insulated wire) connection to the antenna jack, and that the wire from the antenna jack then gets soldered to the relay connection point that joins TX output where C303 joins point L on the board. That doesn't sound right to me, though! Maybe, the TX output connects to the antenna connector, and the TR switch also connects to the same point with C7 of the TR Switch. The receiver then connects to C114. That makes more sense, but wasn't explained that simply! The keying line doesn't seem to have any ambiguity.

Any help, clarification, or revised circuits would be appreciated.

Thanks.

73, 72

Mike VE3EQP.....>

-----  
Date: Thu, 27 Nov 2003 21:24:00 +0000  
From: Howard Oakley <hoakley@btconnect.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [161959] Re: Comparison of the K2 to the Ten Tec Orion in Europe RF environment  
Message-ID: <BBEC1BF0.229BB%hoakley@btconnect.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

On 27/11/03 18:20, Bruce Muscolino wrote:

>> All subjective observations and no scientific method  
>> involved.  
>>  
> What an observation! In the end ham radio IS subjective. Anybody can  
> do performance tests and end up with numbers. The operational qualities  
> of a new radio are perhaps of the most interest to a prospective buyer.  
> How else can he decide if he wants to own the radio without spending  
> himself silly?

Bruce,

In an ideal world, there are three types of assessments that we would have:  
1. Lab performance tests - these are generally widely available, and one compilation of interest is at [http://www.elecrafter.com/K2\\_perf.htm](http://www.elecrafter.com/K2_perf.htm)  
2. Subjective comparisons and reviews of the type posted in that article and in many other places. As you say, they provide invaluable information on

what it is actually like to operate any given radio, and how experienced hams got on with the radio. By nature they are personal and subjective, and need careful evaluation, but are essential. Many of us have bought technically good products that have turned out to be much harder to use than we anticipated, and thus realised that we could not get the theoretical performance that we had expected.

3. Objective human evaluations. These can be conducted scientifically, for instance using blinded auditions, timed task assessments, structured interviews, and so on. For serious commercial equipment, such as avionics, this type of assessment can also prove invaluable. It is very expensive and very time-consuming, and I have yet to see it applied to ham radio equipment. If anyone fancies funding this, I can happily provide details of what to do and who can do it.

72,  
Howard.

Dr Howard Oakley  
Isle of Wight, UK  
M1BWR (IO90JO, EU-120)  
Active from 80 m to 23 cm

-----  
Date: Thu, 27 Nov 2003 16:33:46 -0600 (GMT-06:00)  
From: cosmos41@ix.netcom.com  
To: qrp-l@lehigh.edu  
Subject: [161960] Coax with male BNC connectors  
Message-ID: <18308270.1069972426646.JavaMail.root@waldorf.psp.pas.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to all who responded. I'm at my sister's house for Thanksgiving and stealing a few moments on her laptop. Just wanted to let you know that I'll be responding to each of you personally later tonight after we pick all the flesh off the "bird"!

I believe I have enough cables to satisfy the demand...but just barely!

Hope you're having as much fun as we are!

72/73,

Ron - KD5S

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End of QRP-L Digest 3117

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